

ABSTRACT OF THE DISCLOSURE

A device information generating device comprises  
a device key matrix storage unit configured to store  
a device key matrix in which device keys are arranged  
5 in a two dimensional manner, and a device key  
generating unit configured to select one of the device  
keys in each one dimensional array of the device key  
matrix according to each numeral of a device ID,  
wherein the selected device keys and the device ID are  
10 the device information.

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